



State of Alaska
Department of Fish and Game
Habitat and Restoration Division

Nomination of Waters
Important to Anadromous Fish

Region: Southcentral

Anadromous Water Catalog Number of Waterway: 245-50-10110 W/LAKE -0100

USGS Quad: Kenai C-7

Name of Waterway: Jack Slough Little Jack Slough

USGS Name

Status:

Local Name

☒ Addition

☐ Deletion

☐ Correction

☐ Backup Information

For Office Use

Nomination #

03 082

Revision Year:

2003

Revision to:

Atlas

Catalog

Both

X

Revision Code:

A-1 B-1 A-2

Regional Supervisor

AWC Project Biologist

Drafted

Date

05 MAR 03

Date

Date

SITE INFORMATION

Station: FSH0207A27 Visit: 1

Date Observed: 7/24/2002

Latitude: 60.583142

Longitude: -152.31708

Legal Description: NE 1/4 Section 30, T. 6 N., R. 17 W., S.M.

STREAM PARAMETER

Wetted OHW

Width (m)

Water Temp. (C): 18

Stream Stage: Medium

Thalweg Depth (m)

Dominant Substrate: Silt/Clay

Station Comments:

SPECIES INFORMATION coho salmon

Life Stage: Juvenile

Count: 14

Life History: Anadromous

Sampling Method: Minnow Trap, 1/4 in. Mesh

Area (m2): Effort (s):

Trap Time (h): 3.00 Trap in: 7/24/2002 1:45:00 PM

Fish passage barrier at site: Unknown

Trap out: 7/24/2002 4:45:00 PM

Species Comments: additional fish measured (mm): 66

1

SPECIES INFORMATION threespine stickleback

Life Stage: Juvenile/Adult

Count: 48

Life History: Resident

Sampling Method: Minnow Trap, 1/4 in. Mesh

Area (m2): Effort (s):

Trap Time (h): 3.00 Trap in: 7/24/2002 1:45:00 PM

Fish passage barrier at site: Unknown

Trap out: 7/24/2002 4:45:00 PM

Species Comments: found 20 or so dead sticklebacks in lake in various stages of decomposition.

2

Additional Comments: Coho were 41, 37, 55, 51 mm

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Name of Observer: Joe Buckwalter, Fish and Wildlife Technician

Phone: (907)267-2345

Date Printed: 12/10/2002

Signature:

Joe Buckwalter

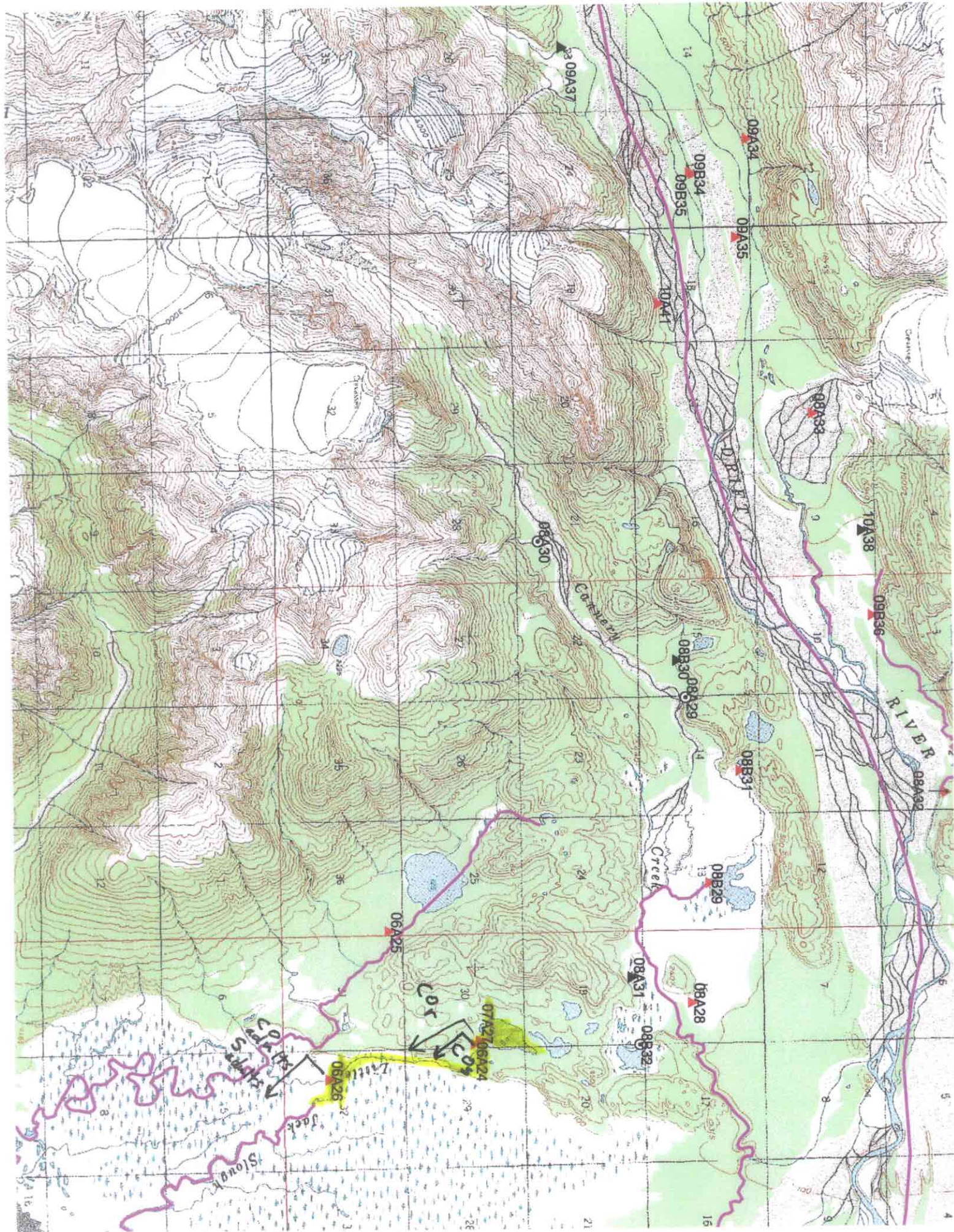
Address: Habitat and Restoration Division, Alaska Department of Fish and Game

333 Raspberry Road

Anchorage, AK 995181599 USA

This certifies that in my best professional judgment and belief the above information is evidence that this waterbody should be included in or deleted from the Catalog of Waters Important for Spawning, Rearing or Migration of Anadromous Fishes per AS 16.05.870.

Signature of Area Biologist:





02A27 just upstream of lake outlet



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Anadromous Water Catalog Number of Waterway: _____

Status:

Name of Waterway: Jack Slough

☐ USGS Name

☐ Local Name

☒ Addition

☐ Deletion

☐ Correction

☐ Backup Information

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Nomination # _____	Regional Supervisor _____	Date _____
Revision Year: _____		
Revision to: Atlas _____ Catalog _____	AWC Project Biologist _____	Date _____
Both _____		
Revision Code: _____	Drafted _____	Date _____

SITE INFORMATION Station: FSH0206A24 Visit: 1 Date Observed: 7/23/2002 Latitude: 60.582514 Longitude: -152.31616
Legal Description: NE 1/4 Section 30, T. 6 N., R. 17 W., S.M.

STREAM PARAMETER	Wetted	OHW	Water Temp. (C): 18.1	Stream Stage: Medium
	Width (m)	5.25		
	Thalweg Depth (m)	0.15	Dominant Substrate: Gravel	

Station Comments: Stream Flow constricted by beaver dam at the lake outlet

SPECIES INFORMATION threespine stickleback Life Stage: Juvenile/Adult Count: 1 Life History: Resident

Sampling Method: Portable Electrofisher

Area (m2): Effort (s): 66 Trap Time (h):

Trap in:

Fish passage barrier at site: None

Trap out:

Species Comments:

1

SPECIES INFORMATION sculpin, undifferentiated

Life Stage: Juvenile/Adult

Count: 1

Life History: Unknown

Sampling Method: Portable Electrofisher

Area (m2): Effort (s): 66 Trap Time (h):

Trap in:

Fish passage barrier at site: Specific Barrier Unknown

Trap out:

Species Comments: No SBU found at upstream station (07A27)

2

SPECIES INFORMATION coho salmon

Life Stage: Juvenile

Count: 18

Life History: Anadromous

Sampling Method: Portable Electrofisher

Area (m2): Effort (s): 66 Trap Time (h):

Trap in:

Fish passage barrier at site: None

Trap out:

Species Comments: many more sighted.

3

Additional Comments: *Suspect coho spawn here. Captured 28, 33-mm fry. Good spawning gravels, excellent rearing and overwintering habitat in beaver ponds and lake.*

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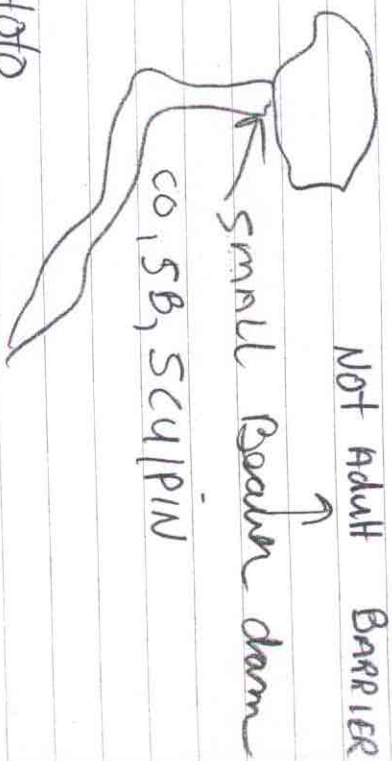


06A24



06A24 coho parr

A
094 SACK SLough
LATE OUTLET



PHOTO

1 - 2 - COHD
3 - 4PSTREAM
4 - down

4:07

excellent spawning + rearing
habitat - debris pools

Other historical sampling
took place in lower
reaches

SOCKEYE Adults SPOTTED
from Hel. at SMALL LAKE
just South of SACK Slough

THEN SPOTTED ADULTS IN
JACK SLOUGH a 3 miles
S of LAKE

MANY JUVENILES SIGHTED ON
SURVEY.

landed and found dying COTD +
SPOTTED a SCKEYE
SCHOOL WAS R-50 fish



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Both _____	AWC Project Biologist	Date _____
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	Drafted	Date _____

SITE INFORMATION Station: FSH0206A26 Visit: 1 Date Observed: 7/23/2002 Latitude: 60.565010 Longitude: -152.30762

Legal Description: SW 1/4 Section 32, T. 6., R. 17 W., S.M.

STREAM PARAMETER

Wetted OHW

Width (m)
Thalweg Depth (m)

Water Temp. (C):
Dominant Substrate:

Stream Stage:

Station Comments: adult sockeye and coho observed - no other data collected.

SPECIES INFORMATION coho salmon

Life Stage: Adult

Count: 20

Life History: Anadromous

Sampling Method: Visual Observation, Ground

Area (m2):

Effort (s):

Trap Time (h):

Trap in:

Fish passage barrier at site: Unknown

Trap out:

Species Comments: no adult coho observed upstream (07A27, 06A24)

1

SPECIES INFORMATION sockeye salmon

Life Stage: Adult

Count: 20

Life History: Anadromous

Sampling Method: Visual Observation, Ground

Area (m2):

Effort (s):

Trap Time (h):

Trap in:

Fish passage barrier at site: Unknown

Trap out:

Species Comments: no adult sockeye observed upstream (07A27, 06A24)

2

Additional Comments:

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026 SOCKEYE + COHO
ground sighted in Jack
slough. Caught 1 COHO.

